

ABSTRACT OF THE INVENTION

[0138] A gas-jet driven rotary device is provided which, when being operated, creates a field which may be utilized to treat a variety of electrical, chemical, and mechanical systems, device and/or components for increased performance gains. The device includes a wheel-like rotor mounted between parallel walls defining part of a housing capable of being hermetically sealed such that a vacuum may be formed within the housing. One feature of the rotor is the structure forming the arcuate segment of the passageway around the shaft, which includes a flexible inner tube centered concentrically within a rigid outer tube or conduit of larger diameter. The annular space between the inner and outer tubes is in communication with the atmosphere. To power the rotary device, compressed gas is fed to it through the inlet opening into the passageway. The gas flows through the passageway and out the exit port in the form of a jet which imparts thrust to the rotor and causes it to spin.